20030218.qrp v02_n835.qrl.20030218

Date: Tue, 18 Feb 2003 19:03:05 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2835

QRP-L Digest 2835

Topics covered in this issue include:

  1) [146295] Re: ARRL DX
     by Brian Short <bshort4@cox.net>
  2) [146296] Information Needed
     by The Wheelers <rains@digisys.net>
  3) [146297] FYBO temp. multipliers... is that all?
     by "sslyon" <sslyon@megalink.net>
  4) [146298] Re: Koch method Trainer
     by "Ray Goff" <radioham@gmx.co.uk>
  5) [146299] ARRL DX Contest
     by "w5tb" <w5tb@arrl.net>
  6) [146300] Kit assembly
     by Tom Kleiner <tkleiner1@juno.com>
  7) [146301] Winding Toroid's
     by "Tom" <kf4yyd@adelphia.net>
  8) [146302] Another nice parts ref site
     by Ed Tanton <n4xy@earthlink.net>
  9) [146303] Re: ARRL DX
     by Bob Nielsen <nielsen@oz.net>
 10) [146304] ARRL DX
     by "w5tb" <w5tb@arrl.net>
 11) [146305] Re: QRP SET?
     by "Mike Boatright" <ko4wx@mindspring.com>
 12) [146306] the Handbook and engineers ...
     by "N4LGH" <n4lgh@waveguide.us>
 13) [146307] FOX: K3ESE log 2.0
     by Lloyd Lachow <llachow@yahoo.com>
 14) [146308] To QSL, or not to QSL?
     by Alex <kr1st@amsat.org>
 15) [146309] RE: FYBO temp. multipliers... is that all?
     by "Bob Hightower" <nk7m@extremezone.com>
 16) [146310] RE: FYBO Info
     by "Bob Hightower" <nk7m@extremezone.com>
 17) [146311] WTB - Solid State Design
     by "Patrick York" <pyork@cetlink.net>
 18) [146312] K2 DX contest experience
     by "Tony Parks" <robert.parks11@gte.net>
 19) [146313] Re: ARRL CW DX Contest

by David Gauding <david.gauding@bbs.galilei.com>
20) [146314] ARRL DX contest
by "Bob Tellefsen" <n6wg@earthlink.net>
21) [146315] NJQRP "DDS Daughtercard" Kit
by "George Heron N2APB" <n2apb@erols.com>
22) [146316] ARRL DX INT CW ..... QRP THOGHTS
by "George Osier" <gosier@twcny.rr.com>
23) [146317] Re: To QSL, or not to QSL?
by "John J. McDonough" <wb8rcr@arrl.net>
24) [146318] RE: To QSL, or not to QSL?
by "J. Michael Thurman, WN5T" <jmthurman@centurytel.net>
25) [146319] 10 Years of CQC's weekly 2 meter net!!
by zeekzilch@juno.com
26) [146320] QRP SET
by Kenneth Hoglund <hoglund@wfu.edu>
27) [146321] Selling HF Rig
by "georgekr5c" <georgekr5c@cablelynx.com>
28) [146322] Re: FYBO temp. multipliers... is that all?
by "David Gilson" <kd3em@velocity.net>
29) [146323] Re: Winding Toroid's
by Ingo Meyer DK3RED <dk3red@gmx.net>
30) [146324] Re: To QSL, or not to QSL?
by "Pastor-kc1di" <elbc2@gwi.net>
31) [146325]
by kwike@gdls.com
32) [146326] Re: Koch method Trainer
by "Karl F. Larsen" <k5di@zianet.com>
33) [146327] Re: To QSL, or not to QSL?
by Alex <kr1st@amsat.org>
34) [146328] Stinger Singer Frequency Counter
by "Bob Hightower" <nk7m@extremezone.com>
35) [146329] Re: FOX: K3ESE log 2.0
by "Tom Palmer" <n1tp@swfla.rr.com>
36) [146330] Endfeeder
by Thom LaCosta <baltimoremd@baltimoremd.com>
37) [146331] FYBO Logs
by "Bob Hightower" <nk7m@extremezone.com>
38) [146332] Re: NJQRP "DDS Daughtercard" Kit
by David Hinerman <WD8CIV@worldnet.att.net>
39) [146333] Re: Winding Toroid's
by "Ray Goff" <radioham@gmx.co.uk>
40) [146334] Re: To QSL, or not to QSL?
by Thom LaCosta <baltimoremd@baltimoremd.com>
41) [146335] Re: Winding Toroid's
by "Merton Nellis" <mertnellis@msn.com>
42) [146336] To all Mag Loop Fans (& Jackson Capacitor Fans)
by "Tony Wells" <t.wells@blueyonder.co.uk>
43) [146337] F/S Books

    by "Francis Callahan" <colcal@srv.net>
 44) [146338] Re: Koch method Trainer
    by "George, W5YR" <w5yr@att.net>
 45) [146339] Re: FYBO temp. multipliers... is that all?
    by Steven Weber <kd1jv@moose.ncia.net>
 46) [146340] Fox - Winter Fox Hunt Teams Results.
    by Bruce Rattray <rattray@gpfn.sk.ca>
 47) [146341] RE: Winding Toroid's
    by "N4LGH" <n4lgh@waveguide.us>
 48) [146342] Re: FYBO temp. multipliers... is that all?
    by David Hinerman <WD8CIV@worldnet.att.net>
 49) [146343] RE: Winding Toroid's Thanks
    by "Tom" <kf4yyd@adelphia.net>
 50) [146344] Re: Koch method Trainer
    by "Karl F. Larsen" <k5di@zianet.com>
 51) [146345] RE: FYBO temp. multipliers... is that all?
    by "Bob Hightower" <nk7m@extremezone.com>
 52) [146346] Embedded Research still around?
    by "Mike" <kw1nd.web@homeinternet.net>
 53) [146347] Radio Shack 46-Range Digital Multimeter Protocol?
    by "Chuck Adams, K7QO" <k7qo@earthlink.net>
 54) [146348] Good...no..GREAT guy(s) alert
    by Bob Liesenfeld <wb0poq@visi.com>
 55) [146349] QRP SSB
    by W2AGN <w2agn@w2agn.net>
 56) [146350] RE: QRP SET
    by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
 57) [146351] Re: C6AKQ=N4BP -
    by Bruce Rattray <rattray@gpfn.sk.ca>

Date: Mon, 17 Feb 2003 09:49:12 -0500
From: Brian Short <bshort4@cox.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [146295] Re: ARRL DX
Message-ID: <FA246EE4-4286-11D7-90A2-00306543B616@cox.net>
Content-Type: text/plain; charset=US-ASCII; format=flowed
Mime-Version: 1.0 (Apple Message framework v551)
Content-Transfer-Encoding: 7bit

I have worked V51AS several times on various bands etc.
That call is also frequently spotted on Packet Cluster, also.

Unfortunately, did not get to play contest this week. Too
many other things to do. Having a life sucks :)

On Sunday, February 16, 2003, at 11:35 PM, Floyd Smithberg wrote:

> and a few others on 4 bands...Only one new country V51AS on 40M...if
> legit?
> Anybody else
> work this one ? It doesn't sound right for Namibia...maybe V41AS?
> Band   valid QSOs   Points   Countries
> 40cw   42   126   24
> 20cw   37   111   20
> 15cw   98   291   42
> 10cw   68   201   31
> --
>   245   729   117   Score =
> 85293
--
See my web page: http://www.k7on.com

Date: Mon, 17 Feb 2003 15:58:14 +0000
From: The Wheelers <rains@digisys.net>
To: qrp-l@Lehigh.EDU
Subject: [146296] Information Needed
Message-ID: <3E510696.9050107@digisys.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

I know in the past someone gave an address where information on
Tektronix scopes
could be found, I ignored it as it didn't apply to me then. I bought a
salvage 2221A
Digital Storage scope at work today for one dollar and now need to get
it working
again.

I would appreciate it if someone could steer me to a place to get the
service type
manual on this machine. Thanks for any help you can give me.

Vern Wheeler
N7SPK

Date: Mon, 17 Feb 2003 11:09:21 -0500
From: "sslyon" <sslyon@megalink.net>

To: <nk7m@extremezone.com>,
        "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [146297] FYBO temp. multipliers... is that all?
Message-ID: <005e01c2d69e$ef011e80$0ac8e742@megalink.net>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hmmmmm... seems like we might consider extending the low range for temp. mults.
As 'solder-melter' mentioned earlier, the HIGH for days has been in single
digits around here and lows around -30F... and wind!

I will reinforce stated precautions to folks who are not highly experienced in
dealing with cold weather, especially if in remote areas:
Being outside for hours sitting motionless at the controls is VASTLY DIFFERENT
from being outside and moving around. Once you get cold it is very difficult to
warm yourself up unless you have plenty of energy reserve and are equipped with
battery or chemical heating packs. (even with appropriate clothing) Exercise
every 20 - 30min. and pack candy.

Of course you can ignore these cautions, but only if you leave directions for
those who find you to submit the FYBO log within 30 days of the contest. :)
72
Seab
AA1MY

Seabury & Sharon Lyon
99 Sparrowhawk Mtn Rd
Bethel ME, 04217 U.S.A.
207-836-2576

Date: Mon, 17 Feb 2003 15:35:59 -0000
From: "Ray Goff" <radioham@gmx.co.uk>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [146298] Re: Koch method Trainer
Message-ID: <000e01c2d69a$4c05a060$89be6751@starfishrcg>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Karl,

Don't forget that my software is now QSLCardWare...

Good luck with the class.

Ray, G4FON

----- Original Message -----
From: "Karl F. Larsen" <k5di@zianet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, February 17, 2003 1:33 PM
Subject: Koch method Trainer

>
> When I told the group I was using Morse Academy to teach my 8
> students CW, several people told me the software was not free and I
> should pay some guy for it's use.
>
> Well I learned that G4FON Ray had changed his software so it
> will run slow, and it will send text files. This is just what I wanted.
> It runs on Windows XT and Morse Academy does not. I have made up a lot
> of practise tests with Morse Academy which I will play from the Koch
> software.
>
> I have Ray's version 4.2.0 which is working just fine. I must
> verbally beat the students into learning fast enough. They want to stay
> with 6 characters and get it right...:-(
>
> In fact I plan to give the VE test with Ray's software. It
> sounds so good. The test will be made with Morse Academy.
>
> --
>
>   - Karl Larsen k5di Las Cruces,NM Az ScQRPions -
>
>

Date: Mon, 17 Feb 2003 10:22:04 -0600
From: "w5tb" <w5tb@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [146299] ARRL DX Contest
Message-ID: <002b01c2d6a0$b5a695a0$0400a8c0@attbi.com>
MIME-Version: 1.0
Content-Type: text/plain;

```
        charset="Windows-1252"
Content-Transfer-Encoding: quoted-printable

If you were'n there you missed a lot of good DX ;-)  Easily worked 70+ =
countries(see prefix summary below)

I used Writelog for the first time - what a fantastic tool to put the =
fun back in contesting by eliminating dupe sheets and hand prepared =
logs. It also includes packet spots and keeps track of your multipliers =
etc. <TIP: when band was open to JA and South America late in the =
contest I found many contesters calling stations which had been spotted =
while those stations who had not been spotted were often lonely - it =
pays to tune around >

Worked about 20 hrs in all and managed 300 QSOs (about 3 times as many =
as previous 'hand logged' efforts thanks to Writelog) and 163 =
Multipliers. Sunday's openings were much better than Saturday (K2 vs. =
K4) and by Sunday afternoon JA's running 5 or 50 watts were solid copy =
here using TA33 jr at 35'. Rig Ten Tec Omni VI+ with borrowed laptop and =
wires everywhere as I tried my first, but not last, computer logging. 10 =
& 15 produced best results, here is the prefix breakout by band:
```

	160M	80M	40M	20M	15M	10M	Total
4U1I						1	1
6Y			1	1	1	1	4
9A					4	2	6
9G				1		1	2
9Y			1	1	2	3	7
A3						1	1
C6			1			1	2
CM			1		1	1	3
CT			1	1	1	1	4
CX					1		1
D4			1		2	1	4
DL					3	5	8
EA			1				1
EA6			1		1		2
EA8					1	1	2
EI				1			1
EU					1		1
F				1	5	3	9
FM			1	1	1	1	4
FY					1	1	2
G				1	5	3	9
GM					1	1	2
GU						1	1
HA					5	2	7

HB				2	1	3
HC				1		1
HI		1	1	2	2	6
HP		1				1
HR					1	1
I			1	5	3	9
IS					1	1
J3					1	1
JA		3		15	24	42
KH2					1	1
KH6			1	1	1	3
KP2				1	1	2
KP4		1	1	2	3	7
LA				1		1
LU				5	12	17
LY				2		2
LZ				1	2	3
OA			1	1	1	3
OK				4	3	7
OM				1	2	3
ON				1		1
OZ					1	1
P4			2	4	2	8
PA					1	1
PJ2		1	2	2	2	7
PJ7			1	1	1	3
PY			1	4	8	13
PY0F					1	1
S5				1	1	2
SM			1	1		2
SP				1	1	2
TG			1	1	1	3
TI		1	2	1	1	5
UA2				1	1	2
UA9			2			2
UR				1		1
V2			1	2	1	4
V3		2	3	2	2	9
V4		1	1	2	1	5
VK				1		1
VP5		1	1	1	1	4
VP9			1	1	1	3
XE	1	1	1	1	1	5
XT				1		1
YN		1		1	1	3
YO				1		1
YU				2		2
ZF		1	1	2	1	5

ZL	3	3
ZP	1	1

Date: Mon, 17 Feb 2003 16:47:44 GMT
From: Tom Kleiner <tkleiner1@juno.com>
To: qrp-l@lehigh.edu
Subject: [146300] Kit assembly
Message-ID: <20030217.114826.14465.11095@wm1.nyc.untd.com>

Can anyone tell me why some kits have you ground the crystal can/holder and others do not. I seem to recall the same situation when I was working on commercial gear. Some cans were grounded, others were not.

thanks

tom, n9hwc

Date: Mon, 17 Feb 2003 11:57:42 -0500
From: "Tom" <kf4yyd@adelphia.net>
To: "qrp-l" <qrp-l@lehigh.edu>
Subject: [146301] Winding Toroid's
Message-ID: <EIEBLEILGEEGMLHGHOAGAEGPCDAA.kf4yyd@adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,
Does anyone know what the outcome would be if when winding a coil not all the turns were wound in the same direction? For example, the coil is to have a total of 27 turns with two taps. To wind the coil you have 3 pieces of wire and end up with 11 turns, 5 turns, 11 turns. If any of these windings were not wound in the same direction what would happen? Would you end up massively attenuating the signal??

Thanks,
Tom kf4yyd
Snowed in, Fredericksburg VA

Date: Mon, 17 Feb 2003 12:10:15 -0500
From: Ed Tanton <n4xy@earthlink.net>
To: QRP-L Reflector <qrp-l@lehigh.edu>,
        noGA reflector <nogaqrp@mailman.qth.net>
Subject: [146302] Another nice parts ref site
Message-ID: <5.2.0.9.2.20030217120359.02319670@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Ran into another nice parts data source today... Site title is Electronics
Info Online... at:
<http://www.pemberton.electronics.btinternet.co.uk/index.html> . 2N277
through 2N7000; diodes; 40600-40800-series MOSFETs; EURO 2SA-2SK, BCs, BDs,
BFs; SCRs, and some circuitry as well. Was quite useful.

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: http://www.n4xy.com

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

Date: Mon, 17 Feb 2003 09:31:22 -0800
From: Bob Nielsen <nielsen@oz.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [146303] Re: ARRL DX
Message-ID: <20030217173122.GB14589@n7xy.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

V51AS, Frank, is quite active from Namibia, so it is probably a legit
contact. V4 is St. Kitts and Nevis (also active in the contest).

Bob, N7XY

On Sun, Feb 16, 2003 at 09:35:35PM -0700, Floyd Smithberg wrote:
> Managed to get almost 16 hrs in this time....all S&P. Don't know how some
> ops
> stay in the chair for the whole contest....a couple hours at a time is all
> this "casual op"
> can endure. The bands were less than optimum and missed hearing
> some of the more exotic calls. But still found 63 unique countries and got
> UA9
> and a few others on 4 bands...Only one new country V51AS on 40M...if legit?
> Anybody else
> work this one ? It doesn't sound right for Namibia...maybe V41AS?
> Band   valid QSOs   Points   Countries
> 40cw   42   126   24
> 20cw   37   111   20
> 15cw   98   291   42
> 10cw   68   201   31
> ---
>   245   729   117   Score = 85293
>
> Gear: TS850/5w,   3el triband at 40+' and 40m extender.
> Logging: TR and laptop
> 73 Floyd NQ7X Phoenix,AZ DM33VQ
>
>

Date: Mon, 17 Feb 2003 12:27:43 -0600
From: "w5tb" <w5tb@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [146304] ARRL DX
Message-ID: <005f01c2d6b2$43c06440$0400a8c0@attbi.com>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

If you were'nt there you missed a lot of good DX ;-) Allin all 70+ =
countries worked QRP in one weekend (see prefix summary below)

I used Writelog for the first time - what a fantastic tool to put the =
fun back in contesting by eliminating dupe sheets and hand prepared =
logs. I also includes packet spots and keeps track of your multipliers =
etc.

Worked about 20 hrs in all and managed 300 QSOs (about 3 times as many = as previous 'hand logged' efforts thanks to Writelog) and 163 = Multipliers. Sunday's openings were much better than Saturday (K2 vs K4) = and by Sunday afternoon JA's running 5 or 50 watts were solid copy here = using TA33 jr at 35'. Rig Ten Tec Omni VI+ with borrowed laptop and = wires everywhere as I tried my first, but not last, computer logging. 10 = & 15 produced best results, here is the prefix breakout by band:

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6Y			1	1	1	1	4
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9Y			1	1	2	3	7
A3						1	1
C6			1			1	2
CM			1		1	1	3
CT			1	1	1	1	4
CX					1		1
D4			1		2	1	4
DL					3	5	8
EA			1				1
EA6			1		1		2
EA8					1	1	2
EI				1			1
EU					1		1
F				1	5	3	9
FM			1	1	1	1	4
FY					1	1	2
G				1	5	3	9
GM					1	1	2
GU						1	1
HA					5	2	7
HB					2	1	3
HC					1		1
HI			1	1	2	2	6
HP			1				1
HR						1	1
I				1	5	3	9
IS						1	1
J3						1	1
JA			3		15	24	42
KH2						1	1
KH6				1	1	1	3
KP2					1	1	2
KP4			1	1	2	3	7
LA					1		1

LU				5	12	17
LY				2		2
LZ				1	2	3
OA			1	1	1	3
OK				4	3	7
OM				1	2	3
ON				1		1
OZ					1	1
P4			2	4	2	8
PA					1	1
PJ2		1	2	2	2	7
PJ7			1	1	1	3
PY			1	4	8	13
PY0F					1	1
S5				1	1	2
SM			1	1		2
SP				1	1	2
TG			1	1	1	3
TI		1	2	1	1	5
UA2				1	1	2
UA9			2			2
UR				1		1
V2			1	2	1	4
V3		2	3	2	2	9
V4		1	1	2	1	5
VK				1		1
VP5		1	1	1	1	4
VP9			1	1	1	3
XE	1	1	1	1	1	5
XT				1		1
YN		1		1	1	3
YO				1		1
YU				2		2
ZF		1	1	2	1	5
ZL					3	3
ZP					1	1

Date: Mon, 17 Feb 2003 12:33:01 -0500
From: "Mike Boatright" <ko4wx@mindspring.com>
To: <qrp-l@Lehigh.EDU>
Subject: [146305] Re: QRP SET?
Message-ID: <NFBBILMKCMIILGKAJMBLOEIICIAA.ko4wx@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

All--

Excellent comments and great ideas. I haven't seen Rich's article yet, due to the vagaries of the USPS.

I am the Section Emergency Coordinator in Georgia. For the past several months, I've been working on homebrewing a 300 Watt amplifier for my station. Believe me when I tell you that homebrewing a (QRP QRO) amplifier is much harder than most QRP projects that I've undertaken and learning to understand how components (particularly RF transistors perform at power) has been interesting. I've done more pure engineering on this project than on any other--which leads me to believe that most QRO stations probably waste more power than they put out, and certainly don't put out the power that is necessary to establish reliable communications.

Let me clarify that last bit. It's the Part 97 admonission to use the minimum power necessary to establish reliable communications. In Georgia, we use 75M phone for much of our statewide coordination of emergency communications. It has been my experience that, especially during the summer months, it is difficult, if not impossible to maintain reliable communications during certain times of the day (even when using NVIS and other techniques).

It has also been my experience that in absence of a declared communications emergency (and sometimes, even with one), it is difficult to maintain a clear frequency for emergency net operations.

With all that in mind, I determined that it was necessary for me to have the capability to increase my signal level by at least an S-unit over the current signal that I am putting out on 75M (into an 80M loop at 70'). 300 Watts would just about do that.

Now I'm the guy that gets really excited about QRPp and have worked Dean, KH6B in Hawaii several times on 1 Watt, and Jim, AL7FS a couple of times in Alaska on the same. It is thrilling and to me the best part of the hobby for pure enjoyment of it.

However, as an emergency management leadership official, I simply refuse to risk public life, health and safety on QRP. That DOES NOT mean that QRP should not be used for emergency communications at all-in fact, it is very important to know what power level you can run at with a given duty cycle, for example, to be able to run in less than optimum conditions. I have several emergency communications QRP rigs (including an Epiphyte 3 on 75M) and use and test them regularly. I guess what I'm getting at is that QRP is VERY important to emergency communications, but in no way is the be all end all.

<flamesuit on>

72 de Mike, KO4WX

Date: Mon, 17 Feb 2003 10:47:37 -0800
From: "N4LGH" <n4lgh@waveguide.us>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [146306] the Handbook and engineers ...
Message-ID: <GNEOLGDJDOPEALHJMKLCCELKDHAA.n4lgh@waveguide.us>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, I gotta give it up to the ARRL for years of Handbook production.

I do a lot of work for engineers here at CWS. It is really nice to have them scratching their heads over something simple, and I whip out the answer in the ARRL Handbook.

Just again today they were questioning on the decimal conversion of units. The Handbook has that nice little chart that solved that discussion!

The production of this book alone is worth membership in the League. Hats off.

Tracy N4LGH

Date: Mon, 17 Feb 2003 11:31:37 -0800 (PST)
From: Lloyd Lachow <llachow@yahoo.com>
To: a low-energy group <qrp-l@lehigh.edu>
Subject: [146307] FOX: K3ESE log 2.0
Message-ID: <20030217193137.95816.qmail@web41013.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

   Here, at last, is the first draft of da logue.
Enjoy! Hope you're in there. Now to shovel more snow.

   Oh, yes...send any comments, corrections, spare

cash direct.

FOX K3ESE log Feb. 14, 2003Z

0200	K4FB	579	FL	Paul	5W
0201	KK5LD	559	TX	Dan	5W
0201	N1TP	559	FL	Tom	5W
0202	WA9TZE	599	WI	Jim	5W
0203	N9NE	599	WI	Todd	5W
0203	N4ROA	559	VA	Dan	5W
0204	KR5C	559	TX	George	5W
0205	K4OAH	559	GA	Garey	5W
0206	W9XU	559	WI	Lon	5W
0207	W5YR	559	TX	George	5W
0208	C6AKQ	559	C6	Bob	5W
0209	NK9G	559	WI	Rick	5W
0210	K0EVZ	579	ND	Doc	5W
0210	K4GT	559	GA	Jim	5W
0211	K9IUA	559	IA	Kevin	5W
0212	K4BYF	559	FL	Jack	3W
0213	AC5JH	559	OK	Tom	5W
0214	WD9F	559	IL	Woody	5W
0214	N9AW	559	WI	Jerry	5W
0215	K5SR	559	TX	Dale	5W
0216	K5EOA	559	LA	Wayne	5W
0217	K0FRP	599	CO	Al	5W
0217	K9DC	559	IN	Dave	5W
0218	K5FSE	599	GA	Jack	5W
0219	V47DD	559	V4	Hank	5W
0220	N1FN	559	CO	ET	5W
0220	W0UFO	559	MN	Mert	5W
0221	K5JHP	559	TX	Bill	5W
0222	W0CH	559	MO	Dave	5W
0222	N0AR	559	MN	Scott	5W
0224	AJ4AY	559	AL	Jay	5W
0224	AB9CA	559	AL	Dave	5W
0225	WS4S	569	TN	ConARd	5W
0226	NA8M	559	MI	John	5W
0227	KK5NA	559	TX	Joe	5W
0228	KB9YIG	569	IN	Tony	500mW
0228	W8YMO	559	OH	Harry	5W

0229 NV4V 579 KY Pete 5W
0230 W5USJ 559 TX Chuck 5W
0231 N5ZE 559 TX Lew 5W

0231 VE6KG 559 AB Norm 5W
0232 W7KXB 559 AZ Bill 5W
0233 WE9K 599 WI Glenn 5W
0234 W5EHY 589 OK Jon 500mW
0235 AF4LQ 559 KY Mike 5W

0236 NN5E 559 TX Vern 5W
0236 K5OT 559 WI Larry 3W
0237 KI0II 559 CO Ron 2W
0238 NU8S 559 OH Dennis 5W
0239 K0MAX 559 MN Max 5W

0240 K5DI 559 NM Karl F. Larsen 5W
0240 AG0T 559 ND Todd 4W
0241 W1IBL 599 MI Vin 5W
0243 VA6RF 559 AB Earl 5W
0243 AB5XQ 559 AR Bill 5W

0244 NQ7X 559 AZ Floyd 5W
0245 W9HL 559 IL Randy 5W
0246 K5PSH 559 TX Jerry 5W
0247 W5TB 559 TX Doc 5W
0247 N5IB 559 LA Jim 5W

0248 AC7A 559 AZ Tom 5W
0248 N0OR 559 CO Jim 5W
0249 K5DW 559 TX Don 5W
0250 N5YFC 559 LA Wayne 5W
0251 N0WX 559 MN Mike 5W

0252 K9IS 559 WI Steve 5W
0253 VE6EX 559 AB Dan 5W
0254 K8CV 559 FL Walt 5W
0254 W4YN 559 NC Tim 5W
0255 W0PWE 559 IA Jerry 5W

0256 WA8NTA 559 CO Dick 5W
0257 NK6A 559 CA Don 5W
0258 K0PC 559 MN Pat 5W
0258 VE4WI 559 MB Craig 5W
0300 N5FFF 559 LA Wayne 5W

0302 KJ0C 559 MO Jim 5W
0303 KB7WW 559 OR Art 5W

0303 W3DCG 579 GA Darin 5W
0304 AA5O 559 LA Vern 5W
0305 K6VNX 559 CA Arlen 5W

0306 W5JAY 559 AR Jay 1W
0307 K5OI 559 OK Tim 5W
0308 N5WL 559 OK Bart 5W
0309 AF4PS 559 FL Mac 5W
0313 KG6CYN 559 CA Trev 5W

0316 N4JIU 559 TX Bruce 5W
0319 K3PH 559 PA Bob 5W
0320 WU9F 559 WI Terry 5W
0321 N0RC 559 CO Rod 5W
0322 N9WW 559 IL Jim 5W

0327 WB6BWZ 559 GA Matt 5W
0328 K7TQ 559 ID Randy 5W
0329 N0UR 579 MN Jim 5W
0333 KI0RB 559 CO Vince 5W
0335 VE5RC 119 SK Bruce 5W

0336 WV9N 599 OH Randy 5W
0338 W4HFU 579 AL Frank 5W
0339 K5KW 579 OK Don 5W
0341 N0SG 559 CO Jason 5W
0343 K5TR 559 TX George 1W

0348 KV2X 559 NY Tom 5W
0356 WA8ZBT 559 TX Dennis 5W
0400 N2WW Larry, FOX
0400 K3ESE Lloyd, FOX

=====
73, 72 es oo, Lloyd, K3ESE
  K1 # 00379 - 20/40M Rock-Mites - Hunk o' Wahr
        ARRL - ARS #1301 - FISTS #8774 - WATPK #8
               FPqrp #476 - QRParci #11147
                 QRP-L #2415 - SOC #530
                      Fun = Skill / Power
           "You can't spell Lloyd without lol!"

Do you Yahoo!?
Yahoo! Shopping - Send Flowers for Valentine's Day
http://shopping.yahoo.com

Date: Mon, 17 Feb 2003 14:37:14 -0500
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [146308] To QSL, or not to QSL?
Message-ID: <3E5139EA.3BF3EBC9@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Hi there,

I like QSLs. The rectangular dead tree variation I mean. The whole point for me to work a DX station is to make the contact and get a card. To me, the card is some sort of a trophy. An award issued by the DX station proving that he or she was able to pull my minute signal out of the QRM. I can get excited when I find an envelope in the mail. It's like getting a present.

Just for giggles I checked eQSL to see if I have anything waiting there. Indeed 65 organized bundles of electrons are sitting in the queue there waiting for me to register and have 'em rolling my way. There are some interesting ones, like KG4, talked about on this list earlier. But you know, I just can't get excited enough about it to register. I think I leave 'em sit there collecting electronic dust. Maybe one day I get a DXCC eWard for uncollected eQSLs.

The situation actually presents a dilemma for me. Should I still send my paper card to the stations that sent me an eQSL? What would be my chance that I get an actual card back? Perhaps they have marked me in their log as already QSLed and simply toss my card in the done pile. Is there some sort of honor code among eQSLers saying that if they receive a paper QSL, then they will send a paper QSL back? My guess is that such code does not exist and I'm best off checking with eQSL who not to send a card.

73,
--Alex KR1ST

Date: Mon, 17 Feb 2003 14:55:28 -0700
From: "Bob Hightower" <nk7m@extremezone.com>
To: "'sslyon'" <sslyon@megalink.net>
Cc: <qrp-l@lehigh.edu>
Subject: [146309] RE: FYBO temp. multipliers... is that all?
Message-ID: <000601c2d6cf$4c5999b0$694998d0@Bobs>

MIME-Version: 1.0
Content-Type: text/plain;
        charset="US-ASCII"
Content-Transfer-Encoding: quoted-printable

Good points, Seab. We really don't want anyone sitting out in near zero
weather just to try to win a contest. If you are in the 6x mult range,
it won't take much time to rack up a good score.

Bob

-----Original Message-----
From: sslyon [mailto:sslyon@megalink.net]=20
Sent: Monday, February 17, 2003 9:09 AM
To: nk7m@extremezone.com; Low Power Amateur Radio Discussion
Subject: FYBO temp. multipliers... is that all?

Hmmmmm... seems like we might consider extending the low range for temp.
mults. As 'solder-melter' mentioned earlier, the HIGH for days has been
in single digits around here and lows around -30F... and wind!

I will reinforce stated precautions to folks who are not highly
experienced in dealing with cold weather, especially if in remote areas:
Being outside for hours sitting motionless at the controls is VASTLY
DIFFERENT from being outside and moving around. Once you get cold it is
very difficult to warm yourself up unless you have plenty of energy
reserve and are equipped with battery or chemical heating packs. (even
with appropriate clothing) Exercise every 20 - 30min. and pack candy.

Seabury & Sharon Lyon
99 Sparrowhawk Mtn Rd
Bethel ME, 04217 U.S.A.
207-836-2576

Date: Mon, 17 Feb 2003 14:58:26 -0700
From: "Bob Hightower" <nk7m@extremezone.com>
To: <k5di@zianet.com>
Cc: <qrp-l@lehigh.edu>
Subject: [146310] RE: FYBO Info
Message-ID: <000801c2d6cf$b6be89f0$694998d0@Bobs>
MIME-Version: 1.0
Content-Type: text/plain;

charset="US-ASCII"
Content-Transfer-Encoding: quoted-printable

The rules are at http://www.extremezone.com/~nk7m/fybo2003.htm

Bob

-----Original Message-----
From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf
Of Karl F. Larsen
Sent: Monday, February 17, 2003 5:53 AM
To: Low Power Amateur Radio Discussion
Subject: RE: FYBO Info

Hi Bob, the rules I have say Feb 22 1800-2200Z. Have the rules changed?

On Sun, 16 Feb 2003, Bob Hightower wrote:

> Next Saturday, February 22 from 1600-2400Z. Good chance to test your=20
> winter field skills.
>=20
> Bob Nk7M
>=20
> -----Original Message-----
> From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf

> Of Francis Callahan
> Sent: Sunday, February 16, 2003 10:53 AM
> To: Low Power Amateur Radio Discussion
> Subject: FYBO Info
>=20
>=20
> What is the information for FYOB wrote it down once but can't find 72=20
> Cal KF7ET
>=20
>=20
>=20

--=20
=20
- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Mon, 17 Feb 2003 18:15:33 -0500
From: "Patrick York" <pyork@cetlink.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [146311] WTB - Solid State Design
Message-ID: <007001c2d6da$79fc7d00$e4c8fea9@home1>
MIME-Version: 1.0
Content-Type: text/plain;
	charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I would like to purchase a copy of Solid State Design for the Radio Amateur
by Wes Hayward & Doug DeMaw.

If you have a copy you would be willing to part with, please contact me
direct with price.

Thanks in advance,

Patrick York KF4LMZ
Rock Hill, South Carolina

Date: Mon, 17 Feb 2003 19:36:11 -0500
From: "Tony Parks" <robert.parks11@gte.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [146312] K2 DX contest experience
Message-ID: <003c01c2d6e5$be369c20$f248e943@3dse0>
MIME-Version: 1.0
Content-Type: text/plain;
	charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Newly built K2 #3132 got a casual workout this past weekend in the ARRL
International DX contest. About twelve hours of hunt and pounce resulted in
117 QSO's in 65 countries. The K2 was used on all bands from 80 to 10
meters at 5 watts output to a 40 meter horizontal delta loop. The loop is
only 20 feet above the ground and fed with homemade ladder line. A 4:1
current balun is located where the ladder line enters a second floor window
of my home and the K2's ATU resulted in a low indicated SWR on each band.

It is quite amazing what the K2 can do with a modest antenna!

73,
Tony

KB9YIG

Date: Mon, 17 Feb 2003 18:56:37 -0600
From: David Gauding <david.gauding@bbs.galilei.com>
To: qrp-l@lehigh.edu
Subject: [146313] Re: ARRL CW DX Contest
Message-ID: <5.1.1.6.0.20030217181957.009fc860@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Howdy,

Thought I would try the contest to increase my country total on 40CW, using a portable vertical under test this winter. Six hours of intermittent operating added sixteen new ones at 5W. Since I started with only four countries worked in the log that made it pretty easy! <g>

Made it to EU a few times and to SA a few times also. Mostly Caribbean stations but they all count.

The antenna was a veteran St. Louis Vest Pocket Vertical designed for 10-20M. It's modified to cover 10-40M using a special lightweight tapped air-core St. Louis Coil.

The break-down radiator is 11' high and the antenna sits over an even dozen St. Louis Radials. The ribbons have all conductors cut to 16.5' or an eight-wave on 40M. The antenna uses about about 70' of RG-58 and a choke balun under the feedpoint. I used an old Argo 515 for the contest.

Amazing number or strong stations Saturday night including several in EU. A couple of elements at the other end makes it a snap back here. Pretty sure I could have dropped the power down a bit and completed some of the contacts.

de Dave, NF0R nf0r@slacc.com

Date: Mon, 17 Feb 2003 17:30:10 -0800

From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-l@lehigh.edu>
Subject: [146314] ARRL DX contest
Message-ID: <MABBJOEABOILMKCJCLFCGEKMEBAA.n6wg@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
	charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm glad I decided not to contest. Looking at some of the scores posted, I'd feel real inadequate :-) Anyway, I had a great time. Felt like a small dog running around biting the ankles of the big dogs to get their attention :-)
Just used my K2 at 5w and two low 40m dipoles, one E-W and one N-S, both with
tuned feeders for 40-20-15m.
I concentrated on collecting new countries toward the QRP DXCC award. After two days, I came up with 15 new (to me) countries, for a new total of 97. Now, if there was just one more cw DX contest soon, I'd be right in there. It seems to take longer to find new countries when your total gets up around 95 or so. That also happened to me when I worked my DXCC years ago.
It's been almost 40 years since I did any serious DXing, and I thought that itch had been thoroughly scratched. But I'm beginning to feel it again. Oh my!
73, Bob N6WG

Date: Mon, 17 Feb 2003 18:12:36 -0800
From: "George Heron N2APB" <n2apb@erols.com>
To: "EPA-QRP" <EPA-QRP@yahoogroups.com>, "NJQRP" <njqrp@njqrp.org>,
	"NoVAQRP" <NoVaQRP@topica.com>, "QRP-L" <qrp-l@lehigh.edu>
Subject: [146315] NJQRP "DDS Daughtercard" Kit
Message-ID: <003401c2d6f3$38c84080$acc33ad0@GHLTP4>
MIME-Version: 1.0
Content-Type: text/plain;
	charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

As described in my Micro Moments article in the latest QRP Quarterly, The NJQRP has developed the "DDS Daughtercard Kit" ...a small pc board containing just the bare DDS essentials - an Analog Devices AD9850 DDS chip, a 100MHz clock oscillator, a 5V regulator, a 5th order elliptic filter and a MMIC RF amplifier to boost the raw 0.25Vp-p DDS signal to a more usable 4-volt level. Three control lines, power supply inputs, and the output signal are available on a pinheader at the board edge.

An 8-position pinheader at the board edge serves to allow DDS Daughtercard to be plugged into whatever project you might have on your bench, regardless of which microcontroller is being used. Thus you are not locked into using an Atmel device if your preferred controller is a PIC. Just provide a single strip socket (e.g., a 16-pin IC socket split lengthwise) on the project board and plug in the DDS pc board. Heck, you don't even need a microcontroller with this approach - just wire the pinheader signals over to a cable on the parallel printer port of your PC, plug in 12 volts to power the board and use public domain PC software to control the DDS to produce super-solid, super-precise frequencies from audio up through 30MHz.

The web page for the DDS Daughtercard project is at http://www.njqrp.org/dds. You can see a full write-up and lots of pictures of the DDS Daughtercard in action. In fact, you'll see it plugged into the QuickieLab, and Joe Everhart, N2CX has an application note and software in progress describing how one can use the DDS to serve as a VFO for your next project!

The kit is not yet ready to be ordered. But since an article was published about it, we wanted to at least show everyone what was next up our sleeves. We're awaiting the production-quality PCBs and should be announcing availability of the kit and start by Feb 25th (or sooner.) When we're ready, we'll announce its availability. (If you send in an order now, we'll put it at the bottom of the queue once orders are taken!)

The kit will cost $25 for the pcb, surface mount filter components, MMIC amplifier, 100 MHz oscillator module and connector. THE AD9850 DDS IS *NOT* INCLUDED, because you can order two free samples directly from Analog Devices web pages for this device. (Check out the link on the DDS Daughtercard web pages.)

This project is sure to pique the interest of the digital QRPers amongst us! Just imagine being able to plug this DDS module into whatever project and controller you might have on your bench to produce rock-solid and useable RF signals up to 30 MHz!

73, George N2APB n2apb@amsat.org
      Joe N2CX n2cx@voicenet.com
      Dave AA3UR njqrp-kits@comcast.net
      for the NJQRP Club at www.njqrp.org

Date: Mon, 17 Feb 2003 21:37:36 -0500
From: "George Osier" <gosier@twcny.rr.com>
To: <qrp-l@lehigh.edu>
Subject: [146316] ARRL DX INT CW ..... QRP THOGHTS
Message-ID: <000c01c2d6f6$b2ffc280$aa634342@twcny.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
	charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello all !!!!!

Had 168 QSOs , 106 mults for 53,424 points ..... :)

But with the antennas I have I find radio and the score all the more AMAZING
.....

Antennas here are :

51 ft G5RV with one end at 20 ft sloping to 3 feet at the other for 40 thru
15 meters

Cushcraft AR-10 Ringo vertical up 25 feet for 10 meters AND it works also on
30 meters

What I find incredible is I am ABLE to work DX on 40 at all but I made 23
contacts on 40 with 5 watts using the G5RV !!!!!!!
HP1 / DJ7AA
VP5LP
9Y4TBG
WP3R
CS6V (40 , 20 , 15 AND 10 M)
N7OU/HI9
ZF2NT
P4/K2LE
PJ7/ND5S
OK1RF
TG0AA (40 , 20 AND 10 M)
6D2YFM
EA8BH
IR4A
V31JP
OM7M
HG1S
F6BEE
DL6FBL
9A3IQ
V26G

It just goes to show that during a contest is THE BEST TIME to hunt for DXCC QRP or MILLIWATT !!!!

THE BEST ANTENNAS , RIGS AND OPS !!!!!
This makes for a easier road to your goals !!!!

SOOOOOOOOO even if you dont like the "tests" give em a whirl to GREATLY improve yer country totals !!!!!

71s

George Osier , N2JNZ / QRPp

Date: Mon, 17 Feb 2003 22:00:28 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Cc: <kr1st@amsat.org>
Subject: [146317] Re: To QSL, or not to QSL?
Message-ID: <00be01c2d6f9$e5ae4780$010044c0@chartermi.net>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I think each station is different. I get the impression a lot of stations QSL both paper and e 100%. Quite a few of my eQSLs (and I admit to not having checked in a while) were from stations I already received a paper QSL from. On the other hand, a lot of stations don't like the postage for a paper QSL, especially stateside stations. DX stations seem to mostly QSL via the bureau.

Personally, I like the bureau thing, in and out. OK, you need a whole pile of patience, but it's a pretty painless way to do it, and you eventually end up with those nice paper trophies.

72/73 de WB8RCR   http://www.qsl.net/wb8rcr
didileydadidah   QRP-L #1446 Code Warriors #35

----- Original Message -----
From: "Alex" <kr1st@amsat.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, February 17, 2003 2:37 PM
Subject: To QSL, or not to QSL?

> Hi there,
>
> I like QSLs. The rectangular dead tree variation I mean. The whole point
> for me to work a DX station is to make the contact and get a card. To
> me, the card is some sort of a trophy. An award issued by the DX station
> proving that he or she was able to pull my minute signal out of the QRM.
> I can get excited when I find an envelope in the mail. It's like getting
> a present.
>
> Just for giggles I checked eQSL to see if I have anything waiting there.
> Indeed 65 organized bundles of electrons are sitting in the queue there
> waiting for me to register and have 'em rolling my way. There are some
> interesting ones, like KG4, talked about on this list earlier. But you
> know, I just can't get excited enough about it to register. I think I
> leave 'em sit there collecting electronic dust. Maybe one day I get a
> DXCC eWard for uncollected eQSLs.
>
> The situation actually presents a dilemma for me. Should I still send my
> paper card to the stations that sent me an eQSL? What would be my chance
> that I get an actual card back? Perhaps they have marked me in their log
> as already QSLed and simply toss my card in the done pile. Is there some
> sort of honor code among eQSLers saying that if they receive a paper
> QSL, then they will send a paper QSL back? My guess is that such code
> does not exist and I'm best off checking with eQSL who not to send a
> card.
>
> 73,
> --Alex KR1ST

Date: Mon, 17 Feb 2003 21:24:46 -0600
From: "J. Michael Thurman, WN5T" <jmthurman@centurytel.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [146318] RE: To QSL, or not to QSL?
Message-ID: <NNEGKHLPFLGLAHOFDBJMKEPPCDAA.jmthurman@centurytel.net>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I like the idea of the eQSL. There's one problem. I'm relatively new to amateur radio and the eQSLs don't get me any closer to WAS, DXCC or any other award. Additionally, a printed card from eQSL costs a dollar (US). That doesn't lower the cost of a stateside QSL. For me it increases it.

Thus, for DX I, too, like the bureau and USPS for domestic. Hey, if I send my QSLs by snail mail, maybe the Postmaster won't complain about the money they're "losing" on e-mail!

73
Michael
WN5T

-----Original Message-----
From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of John J. McDonough
Sent: Monday, February 17, 2003 9:00 PM
To: Low Power Amateur Radio Discussion
Subject: Re: To QSL, or not to QSL?

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72/73 de WB8RCR   http://www.qsl.net/wb8rcr
didileydadidah   QRP-L #1446 Code Warriors #35

----- Original Message -----
From: "Alex" <kr1st@amsat.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, February 17, 2003 2:37 PM
Subject: To QSL, or not to QSL?

> Hi there,
>
> I like QSLs. The rectangular dead tree variation I mean. The whole point
> for me to work a DX station is to make the contact and get a card. To
> me, the card is some sort of a trophy. An award issued by the DX station
> proving that he or she was able to pull my minute signal out of the QRM.
> I can get excited when I find an envelope in the mail. It's like getting
> a present.
>
> Just for giggles I checked eQSL to see if I have anything waiting there.
> Indeed 65 organized bundles of electrons are sitting in the queue there

> waiting for me to register and have 'em rolling my way. There are some
> interesting ones, like KG4, talked about on this list earlier. But you
> know, I just can't get excited enough about it to register. I think I
> leave 'em sit there collecting electronic dust. Maybe one day I get a
> DXCC eWard for uncollected eQSLs.
>
> The situation actually presents a dilemma for me. Should I still send my
> paper card to the stations that sent me an eQSL? What would be my chance
> that I get an actual card back? Perhaps they have marked me in their log
> as already QSLed and simply toss my card in the done pile. Is there some
> sort of honor code among eQSLers saying that if they receive a paper
> QSL, then they will send a paper QSL back? My guess is that such code
> does not exist and I'm best off checking with eQSL who not to send a
> card.
>
> 73,
> --Alex KR1ST

Date: Mon, 17 Feb 2003 20:31:53 -0700
From: zeekzilch@juno.com
To: cqclist@yahoogroups.com, qrp-l@Lehigh.EDU
Subject: [146319] 10 Years of CQC's weekly 2 meter net!!
Message-ID: <20030217.203156.-682845.0.zeekzilch@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thank you Jim, KG0PP, for starting and maintaining the Colorado QRP Club's weekly Monday night 2 meter net - February 15, 1993 seems just like yesterday!

Additional CQC history can be found at: http://www.cqc.org/cqc.htm

72s

Roger
WB0JNR
CQC Webmaster
http://www.cqc.org

-

_____
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Date: Mon, 17 Feb 2003 23:10:45 -0500
From: Kenneth Hoglund <hoglund@wfu.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [146320] QRP SET
Message-ID: <3E51B245.C00AADE@wfu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I concurr completely with KO4WX Mike's assessment that one should not risk life and limb on marginal emergency communications just to maintain a qrp designation. Nor would I think that a QRP SET would have be suggesting that emergency communications are best maintained at qrp levels.

Let's drop back for a moment: what are we best at in terms of qrp operations? Efficiency, simplicity, and portability. The efficiency part could have dramatic implications in a context when the power grid is no longer operational. Simplicity means we can set up an effective station virtually anywhere; portability-- that we can race out to any trouble spot with fairly sophisticated gear. If need be, I can carry all the operational elements of a 20m station in a fanny pack and bike to a place that needs to get word out to a larger world.

The purpose of a Simulated Emergency Test is to give any participating op a chance to see what they can, and cannot, do in terms of establishing reliable communications. Rather than field day, or even QRPTTF, a SET tries to maintain regular communications within a network.

So why a QRP SET? What if the whole power grid did go down and we all

needed to work from alternative resources? What if disease laid low any places with a cluster of population, leaving only areas with widely scattered populations able to render assistance? What if a protracted emergency of some sort led to severe shortages in gas supplies, and we had to hike or bike to trouble spots? QRP may not be optimum in these conditions, but it may be the only option available.

Is any of this likely? Probably not. But wouldn't it be worthwhile to see what we 'flea-powered' folks might be able to do with a quick test? All it would take is some organization, a few hours on a weekend, and the imagination to envision where we might best fit in a complex response to an emergency situation.

Several folks have sent some pretty tough critiques my way since the first suggestion. Wait for your March QST and read Rich's column, then see if you don't think there might be some value in testing where any one of us might fit in as qrp'rs in a larger response to a real emergency.

73
Ken KG4FGC

Date: Mon, 17 Feb 2003 22:18:26 -0600
From: "georgekr5c" <georgekr5c@cablelynx.com>
To: <qrp-l@Lehigh.EDU>
Subject: [146321] Selling HF Rig
Message-ID: <000901c2d704$c97abb60$ad08cc18@lee>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="Windows-1252"
Content-Transfer-Encoding: 7bit

I have for sale the rig I used before purchasing a new one.
It is an Icom 756 used for all QRP from home. Excellent condx and virutally spotless. Just returned from check-out for meeting all mfg. specs.
Original owner, non-smoker.

Contact me direct for further details.

72, George KR5C

Date: Tue, 18 Feb 2003 05:04:33 -0500

From: "David Gilson" <kd3em@velocity.net>
To: <nk7m@extremezone.com>,
        "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [146322] Re: FYBO temp. multipliers... is that all?
Message-ID: <002a01c2d735$2300aac0$1b617841@yourw92p4bhlzg>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Question!,

I was wondering how the log would be sent if at the start of the contest the temp is let say 40F and during or by the end the temp is down to 30F. Would you send in two logs one at one temp and the other at the other temp?. Sorry for the dumb question but this will be my first time trying this so please bear with me.

Thank You
72 de Dave KD3EM

----- Original Message -----
From: "Bob Hightower" <nk7m@extremezone.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, February 17, 2003 4:55 PM
Subject: RE: FYBO temp. multipliers... is that all?

> Good points, Seab. We really don't want anyone sitting out in near zero
> weather just to try to win a contest. If you are in the 6x mult range,
> it won't take much time to rack up a good score.
>
> Bob
>
> -----Original Message-----
> From: sslyon [mailto:sslyon@megalink.net]
> Sent: Monday, February 17, 2003 9:09 AM
> To: nk7m@extremezone.com; Low Power Amateur Radio Discussion
> Subject: FYBO temp. multipliers... is that all?
>
>
> Hmmmmm... seems like we might consider extending the low range for temp.
> mults. As 'solder-melter' mentioned earlier, the HIGH for days has been
> in single digits around here and lows around -30F... and wind!
>
> I will reinforce stated precautions to folks who are not highly
> experienced in dealing with cold weather, especially if in remote areas:

> Being outside for hours sitting motionless at the controls is VASTLY
> DIFFERENT from being outside and moving around. Once you get cold it is
> very difficult to warm yourself up unless you have plenty of energy
> reserve and are equipped with battery or chemical heating packs. (even
> with appropriate clothing) Exercise every 20 - 30min. and pack candy.
>
> Seabury & Sharon Lyon
> 99 Sparrowhawk Mtn Rd
> Bethel ME, 04217 U.S.A.
> 207-836-2576
>
>
>

Date: Tue, 18 Feb 2003 12:15:04 +0100
From: Ingo Meyer DK3RED <dk3red@gmx.net>
To: qrp-l@Lehigh.EDU
Subject: [146323] Re: Winding Toroid's
Message-ID: <5.1.1.6.1.20030218115301.00aa8d90@pop.gmx.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hello Tom,

>   Does anyone know what the outcome would be if when winding a coil
> not all
>the turns were wound in the same direction? For example, the coil is to have
>a total of 27 turns with two taps. To wind the coil you have 3 pieces of
>wire and end up with 11 turns, 5 turns, 11 turns. If any of these windings
>were not wound in the same direction what would happen? Would you end up
>massively attenuating the signal??

If you wound some windings in the other direction the magnetic current
inside the toroid will change. Each winding produces a magnetic current in
the toroid. All windings of a coil are linked together through the magnetic
current. If some winding wound in the other direction than some of the the
magnetic current in the toroid also flows in the other direction and
eleminate a part or all of the magnetic current produced by the other windings.

Result: It is possible that your rig works bad or faulty.

P.S. Mmh, 11 + 5 + 11 turns. Sounds like a ZM-2 (grin).

72/73 de Ingo, DK3RED   Don't forget: the fun is the power!

    dk3red@t-online.de   http://www.t-online.de/~dk3red
      DL-QRP-AG   #824   http://www.dl-qrp-ag.de
       QRP ARCI #11295   http://www.qrparci.org

Date: Tue, 18 Feb 2003 06:29:58 -0500 (Eastern Standard Time)
From: "Pastor-kc1di" <elbc2@gwi.net>
To: <kr1st@amsat.org>,
        "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [146324] Re: To QSL, or not to QSL?
Message-ID: <3E521936.00000A.00448@DOR>
MIME-Version: 1.0
Content-Type: Text/Plain
Content-Transfer-Encoding: quoted-printable

 =0D
 =0D
-------Original Message-------=0D
 =0D
From: kr1st@amsat.org=0D
Date: Monday, February 17, 2003 21:49:41=0D
To: Low Power Amateur Radio Discussion=0D
Subject: To QSL, or not to QSL?=0D
 =0D
--cut-- =0D
The situation actually presents a dilemma for me. Should I still send my=0D
paper card to the stations that sent me an eQSL? What would be my chance=0D
that I get an actual card back? Perhaps they have marked me in their log=0D
as already QSLed and simply toss my card in the done pile. Is there some=0D
sort of honor code among eQSLers saying that if they receive a paper=0D
QSL, then they will send a paper QSL back? My guess is that such code=0D
does not exist and I'm best off checking with eQSL who not to send a=0D
card.=0D
 =0D
73,=0D
--Alex KR1ST=0D
=0D
Hi Alex,=0D
=0D
To answer some of the questions you posed above:=0D
=0D
1. Eqsl's in my opinion are the wave of the future for Ham Radio Qsls as =
the
cost is simply becoming too high in many lands to to justify the sending =
of

paper QSLs. The buro takes forever and many rare ones don't even have a
buro. Plus If I'm Not a member of the ARRL I can't even use the out goin=
g
Buro>>>> =0D
=0D
2. Most stations that Eqsl I've found will still reply to the old fashio=
ned
paper QSL. This has not been a problem yet. Most DX simply upload their
log books automatically to Eqsl and some other sights. =0D
=0D
3. You can get a Paper copy of the Eqsl for about 1 dollar US. a few
pennies more that it costs to send a Card to a U.S. QSL Manager with a SA=
SE=20
 and much Less than direct QSL to some Dx stations that after IRC's
/Greenback and envelopes and all ends up costing as much or great deal mo=
re.
(Tell me what the difference is between a State side QSL Manager and Eqsl
being the Manager?)=0D
=0D
4. There are a growing number of Organizations that will accept EQSL. th=
e
QRP ARC I being one of them for their awards programs.=0D
     The ARRL will eventuall have to also if it is going to remain releve=
nt
in DX Circles.. Change is upon us and for many it is never a welcome thin=
g.=20
But it comes. =0D
My Two cents worth. =0D
 73 Dave KC1DI=0D
=0D
=2E=20

Date: Tue, 18 Feb 2003 07:02:05 -0500
From: kwike@gdls.com
To: qrp-l@Lehigh.EDU
Message-ID: <OF66608401.B57C7916-ON85256CD1.00421387@gdls.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

We had four check-ins last week. Conditions were good.
        S   R
W8EGI 599 599 EAST LANSING MI DON
WA8BXN 599 589 CLEVELAND   OH MIKE
WS3K   558 579 LEWISTOWN   PA DON
N1CUU 579 599 GETTYSBURG   PA CARL

The Michigan QRP Net meets each Tuesday night at 9:00 PM Eastern time on
3.535 MHz. All hams are welcome.

Ed AB8DF

Date: Tue, 18 Feb 2003 06:03:32 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Ray Goff <radioham@gmx.co.uk>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [146326] Re: Koch method Trainer
Message-ID: <Pine.LNX.4.44.0302180558050.1778-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Ray, I will get the QSL Card on it's way today. The huge single
problem with the Koch method is the getting a student to put in another
character just as soon as he gets 90% of the old ones right. A student
at the University in EE about to graduate is still messing with some
cassett tape thing. Anyone who thinks learning the code is simple has
rocks in his head.

On Mon, 17 Feb 2003, Ray Goff wrote:

> Karl,
>
> Don't forget that my software is now QSLCardWare...
>
> Good luck with the class.
>
> Ray, G4FON
>
>
> ----- Original Message -----
> From: "Karl F. Larsen" <k5di@zianet.com>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Sent: Monday, February 17, 2003 1:33 PM
> Subject: Koch method Trainer
>
>
> >
> > When I told the group I was using Morse Academy to teach my 8
> > students CW, several people told me the software was not free and I
> > should pay some guy for it's use.
> >

> > Well I learned that G4FON Ray had changed his software so it
> > will run slow, and it will send text files. This is just what I wanted.
> > It runs on Windows XT and Morse Academy does not. I have made up a lot
> > of practise tests with Morse Academy which I will play from the Koch
> > software.
> >
> > I have Ray's version 4.2.0 which is working just fine. I must
> > verbally beat the students into learning fast enough. They want to stay
> > with 6 characters and get it right...:-(
> >
> > In fact I plan to give the VE test with Ray's software. It
> > sounds so good. The test will be made with Morse Academy.
> >
> > --
> >
> > - Karl Larsen k5di Las Cruces,NM Az ScQRPions -
> >
> >
>
>

--

 - Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Tue, 18 Feb 2003 08:32:55 -0500
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [146327] Re: To QSL, or not to QSL?
Message-ID: <3E523607.9BFD59DD@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Hi there,

I didn't mean to open a can of worms, I just wanted to present my
dilemma and wondered how other folks on here deal with it. I added my
reasons why I wanted a paper QSL only to support my question.

There's nothing wrong with eQSL. If folks want to use that, then that's
just fine with me. And that change is upon us, that's fine too. I'm not
sure how that argument has anything to do with whether or not I should
still send a paper QSL. Excuse me for getting excited, and expressing my
excitement, when I get an envelope with a stamp or postmark from a

country that I would never have seen if I hadn't talked to someone in that country and sent them a QSL card. It's just one of the aspects I think that makes this hobby great for me. (please note the "for me".....I'm not making a general statement about the hobby that is supposed to be applicable to everyone). I don't care if eQSL is cheaper or not. Frankly, I don't care about any of the reasons to whether or not use eQSL. I even don't care which organizations accepts them or not. And I certainly don't care for the comments that somehow I have to accept them because everyone else does; that it is the way of the future and that I have to deal with it.

So far I received three emails suggesting that maybe I should still send paper QSLs, and quite a few more indicating that I have to accept eQSL. Good grief! I think what I will do is to simply do what I've been doing so far and that is to continue write QSL cards regardless of the fact that maybe already an eQSL was sent. Maybe one day I will register and match up the eQSL with my paper cards and see if folks still honor the handwritten ones. Then I will know whether to bother or not.

73,
--Alex KR1ST

Date: Tue, 18 Feb 2003 06:45:08 -0700
From: "Bob Hightower" <nk7m@extremezone.com>
To: <qrp-l@lehigh.edu>
Subject: [146328] Stinger Singer Frequency Counter
Message-ID: <000301c2d753$f715be90$0d4998d0@Bobs>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

There are still a few Stinger Singer frequency counters left. Please go to http://www.extremezone.com/~nk7m/cwafc.htm for details on this kit, and prices.

Also, please note that as of today, we are not accepting orders or payment via PayPal. Payment must be made by check or money order as stated in the web page.

Bob NK7M

Date: Tue, 18 Feb 2003 08:47:03 -0500
From: "Tom Palmer" <n1tp@swfla.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [146329] Re: FOX: K3ESE log 2.0
Message-ID: <000301c2d754$385f7580$42210843@swfla.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Lloyd may have done what so far has been seemingly
impossible:
An error-free pre-log. Assuming the name is correct for
K5DI (at 0240).

Tom, N1TP
Naples, FL

Date: Tue, 18 Feb 2003 08:49:07 -0500 (EST)
From: Thom LaCosta <baltimoremd@baltimoremd.com>
To: "qrp-L@Lehigh.EDU" <qrp-l@Lehigh.EDU>
Subject: [146330] Endfeeder
Message-ID: <20030218084649.H76226-100000@unix1.vhost.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Have anypne had any experience with: The Kiss Endfeeder is an RF
transformer that allows you to feed a dipole at its end instead of at its
center.

It's supposedly a transformer that lowers in feed point impedence of an
end fed wire.

Thom

baltimoremd@baltimoremd.com   Thom LaCosta K3HRN Webmaster
http://www.baltimoremd.com/   Baltimore's Home Page
http://www.baltimorehon.com/   Home of the Baltimore Lexicon
http://www.zerobeat.net   Home of The QRP Web Ring and DrakeList
http://www.tlchost.net   Web Hosting as low as $3.49/month

Date: Tue, 18 Feb 2003 06:49:32 -0700

From: "Bob Hightower" <nk7m@extremezone.com>
To: <qrp-l@lehigh.edu>
Subject: [146331] FYBO Logs
Message-ID: <000401c2d754$945ddfc0$0d4998d0@Bobs>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

There have been a couple of good questions concerning the lowest temp
used for scoring FYBO entries.

Record the temp you encounter at the time of each contact, even though
it is either rising or falling during the contest. When you send your
log in, use the lowest recorded temp in figuring your score.

While we have not specified a particular format for the summary sheet,
it should include items like the total number of contacts, call sign
used, lowest temp encountered, mults applied and total score. Nothing
formal, as we can check them with the log.

Bob NK7M

Date: Tue, 18 Feb 2003 09:07:03 -0500
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [146332] Re: NJQRP "DDS Daughtercard" Kit
Message-ID: <5.1.1.6.1.20030218085923.00a69b00@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

 > As described in my Micro Moments article in the latest QRP Quarterly, The
 > NJQRP has developed the "DDS Daughtercard Kit" ...a small pc board
 > containing just the bare DDS essentials - an Analog Devices AD9850 DDS chip,
 > a 100MHz clock oscillator, a 5V regulator, a 5th order elliptic filter and a
 > MMIC RF amplifier to boost the raw 0.25Vp-p DDS signal to a more usable
 > 4-volt level. Three control lines, power supply inputs, and the output
 > signal are available on a pinheader at the board edge.

<snip>

 > The kit will cost $25 for the pcb, surface mount filter components, MMIC
 > amplifier, 100 MHz oscillator module and connector. THE AD9850 DDS IS *NOT*
 > INCLUDED, because you can order two free samples directly from Analog

> Devices web pages for this device. (Check out the link on the DDS
> Daughtercard web pages.)

> This project is sure to pique the interest of the digital QRPers amongst us!
> Just imagine being able to plug this DDS module into whatever project and
> controller you might have on your bench to produce rock-solid and useable RF
> signals up to 30 MHz!

George,

I took a quick look at the data sheets for the AD9850 and the AD9851, and the packages and pinouts are essentially the same. I have a couple of 9851s already - it uses an internal PLL to boost the internal clock to 6X the reference frequency, to a maximum for 180 MHz for a 30 MHz input. Looks like that chip could work up through 50 MHz. If it will work on the DDS Daughtercard (with suitable changes to reference oscillator and filter), you've got a sale.

Dave

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Tue, 18 Feb 2003 14:46:01 -0000
From: "Ray Goff" <radioham@gmx.co.uk>
To: <kf4yyd@adelphia.net>,
        "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [146333] Re: Winding Toroid's
Message-ID: <002201c2d75c$7b8b1230$89be6751@starfishrcg>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Tom,

They all need to go in the same direction or you will end up cancelling out the inductance.

I'm not sure what you are building, but if I need a tap I make a slightly longer loop of wire and then twist the loop until it is again tight against the toroid. If you need a picture try http://www.qsl.net/g4fon/Graphics/WhipToroid.JPG which comes from my 'Musings on the Miracle Whip design' on my web site.

Good luck.

73

Ray, G4FON

----- Original Message -----
From: "Tom" <kf4yyd@adelphia.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, February 17, 2003 4:57 PM
Subject: Winding Toroid's

> Hello,
> Does anyone know what the outcome would be if when winding a coil not all
> the turns were wound in the same direction? For example, the coil is to
have
> a total of 27 turns with two taps. To wind the coil you have 3 pieces of
> wire and end up with 11 turns, 5 turns, 11 turns. If any of these windings
> were not wound in the same direction what would happen? Would you end up
> massively attenuating the signal??
>
> Thanks,
> Tom kf4yyd
> Snowed in, Fredericksburg VA
>
>
>

Date: Tue, 18 Feb 2003 10:36:39 -0500 (EST)
From: Thom LaCosta <baltimoremd@baltimoremd.com>
To: Alex <kr1st@amsat.org>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [146334] Re: To QSL, or not to QSL?
Message-ID: <20030218103046.G78483-100000@unix1.vhost.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 18 Feb 2003, Alex wrote:

> supposed to be applicable to everyone). I don't care if eQSL is cheaper
> or not. Frankly, I don't care about any of the reasons to whether or not
> use eQSL. I even don't care which organizations accepts them or not.
> And I certainly don't care for the comments that somehow I have to

> accept them because everyone else does; that it is the way of the future
> and that I have to deal with it.

Let's see if this helps:
If someone sends you a paper QSL send a paper one back
   If you can afford the card and postage
If someone send you an eQSL;
   Return an eQSL
   or
   Send a paper QSL(and don't expect/get upset if they don't
   reciprocate, since they are telling you by sending an eQSL
   that's what they expect.)

As much as you get excited, etc. over a paper card, you need to consider
that the other op might have similar feelings about an eQSL.

One other advantage to eQSL is that some of us just don't have the
funds to either buy/print cards and/or mail them...and eQSL offers
an opportunity to confirm the QSO when you'd otherwise have to
by pass that part of the hobby.

Thom

baltimoremd@baltimoremd.com Thom LaCosta K3HRN Webmaster
http://www.baltimoremd.com/ Baltimore's Home Page
http://www.baltimorehon.com/ Home of the Baltimore Lexicon
http://www.zerobeat.net Home of The QRP Web Ring and DrakeList
http://www.tlchost.net Web Hosting as low as $3.49/month

Date: Tue, 18 Feb 2003 10:27:34 -0600
From: "Merton Nellis" <mertnellis@msn.com>
To: kf4yyd@adelphia.net, qrp-l@Lehigh.EDU
Subject: [146335] Re: Winding Toroid's
Message-ID: <F38kCxPK4204MH1BMs200004322@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Hi Tom,
a reverse wound coil on a toroid SUBTRACTS inductance when in series with a
forward wound coil so any turns reversed will lower the inductance of the
coil but the resistance still adds up. Total effect, lower inductance with
the same resistance as when wound correctly.
Have fun 72 Mert W0UFO MNQRP

>From: "Tom" <kf4yyd@adelphia.net>
>Reply-To: kf4yyd@adelphia.net
>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
>Subject: Winding Toroid's
>Date: Mon, 17 Feb 2003 11:57:42 -0500
>
>Hello,
>   Does anyone know what the outcome would be if when winding a coil not all
>the turns were wound in the same direction? For example, the coil is to
>have
>a total of 27 turns with two taps. To wind the coil you have 3 pieces of
>wire and end up with 11 turns, 5 turns, 11 turns. If any of these windings
>were not wound in the same direction what would happen? Would you end up
>massively attenuating the signal??
>
>Thanks,
>Tom kf4yyd
>Snowed in, Fredericksburg VA

_____
STOP MORE SPAM with the new MSN 8 and get 2 months FREE*
http://join.msn.com/?page=features/junkmail

Date: Tue, 18 Feb 2003 16:45:45 -0000
From: "Tony Wells" <t.wells@blueyonder.co.uk>
To: <elecraft@mailman.qth.net>,
        "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [146336] To all Mag Loop Fans (& Jackson Capacitor Fans)
Message-ID: <005c01c2d76d$42c44000$0d02a8c0@BART>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks,

This may be already well known, but just in case.

Whilst looking for some fittings for my mag loop, I came across the company that took over the manufacture of Jackson caps and spindles. Here is the URL. Plus a very interesting doc on the history of Jackson Bros.

http://www.mainlinegroup.co.uk/

Regards,

Tony
M3CJF
G7IGG

Date: Tue, 18 Feb 2003 10:08:44 -0700
From: "Francis Callahan" <colcal@srv.net>
To: <QRP-L@lehigh.edu>
Subject: [146337] F/S Books
Message-ID: <000a01c2d770$662e1400$79ca1341@callahan>
MIME-Version: 1.0
Content-Type: text/plain;
	charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have the following books for sale as a package deal only. Need room here. Solid state Design Hayward/ De Maw, 1977 good shape also QRP Notebook DeMaw forst edition 1986 good shape also 1979 ARRL handbook poor shape also1982 ARRL handbook good shape also 1975 ARRL hand book fair shape also Rundamentals of Logic Design third edition by Roth new shape also Operational Amplifiers second edition by GB Clayton new shape $50.00 plus shipping . Cal KF7ET

Date: Tue, 18 Feb 2003 11:11:24 -0600
From: "George, W5YR" <w5yr@att.net>
To: <k5di@zianet.com>,
	"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [146338] Re: Koch method Trainer
Message-ID: <01f201c2d770$e079e8b0$0201a8c0@dell>
MIME-Version: 1.0
Content-Type: text/plain;
	charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Karl, back in 1951-52 I taught Air Force Cadets and Student Officers aural and visual code to 5 wpm. Guess they all had rocks in their heads because they thought it was simple enough that they completed the 40-hour course in an average of 20 hours and I got one class qualified in 11 hours.

Learning code can be *made* hard, but a lot depends upon the attitude that

the instructor imparts to the student right up front.

My younger son learned the code - 26 letters, 10 numerals and comma and period and question mark in one evening. The next evening he could recognize any of those characters I sent to him. A week later he passed his Novice and 7 months later he passed his Extra at the FCC. He was 13 years old by then. Within 3 months he was doing 30-35 wpm on a paddle and keyer.

So, Karl, not all of us have rocks in our heads - maybe just those who jump to conclusions and generalities.

73/72, George
Amateur Radio W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13QE
"In the 57th year and it just keeps getting better!"

----- Original Message -----
From: "Karl F. Larsen" <k5di@zianet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Tuesday, February 18, 2003 7:03 AM
Subject: Re: Koch method Trainer

> Hi Ray, I will get the QSL Card on it's way today. The huge single
> problem with the Koch method is the getting a student to put in another
> character just as soon as he gets 90% of the old ones right. A student
> at the University in EE about to graduate is still messing with some
> cassett tape thing. Anyone who thinks learning the code is simple has
> rocks in his head.
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> On Mon, 17 Feb 2003, Ray Goff wrote:
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> > Karl,
> >
> > Don't forget that my software is now QSLCardWare...
> >
> > Good luck with the class.
> >
> > Ray, G4FON
> >
> >
> > ----- Original Message -----
> > From: "Karl F. Larsen" <k5di@zianet.com>
> > To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> > Sent: Monday, February 17, 2003 1:33 PM

> > Subject: Koch method Trainer
> >
> >
> > >
> > > When I told the group I was using Morse Academy to teach my 8
> > > students CW, several people told me the software was not free and I
> > > should pay some guy for it's use.
> > >
> > > Well I learned that G4FON Ray had changed his software so it
> > > will run slow, and it will send text files. This is just what I
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> > > of practise tests with Morse Academy which I will play from the Koch
> > > software.
> > >
> > > I have Ray's version 4.2.0 which is working just fine. I must
> > > verbally beat the students into learning fast enough. They want to
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> > > with 6 characters and get it right...:-(
> > >
> > > In fact I plan to give the VE test with Ray's software. It
> > > sounds so good. The test will be made with Morse Academy.
> > >
> > > --
> > >
> > >   - Karl Larsen k5di Las Cruces,NM Az ScQRPions -
> > >
> > >
> >
> >
>
> --
>
>   - Karl Larsen k5di Las Cruces,NM Az ScQRPions -
>

Date: Tue, 18 Feb 2003 11:59:26 -0500
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [146339] Re: FYBO temp. multipliers... is that all?
Message-ID: <3.0.6.32.20030218115926.007ada40@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Yeah, I think anyone who manages to make a single CW contact in sub-zero

temps should get bonus points ;-)

However, if the latest forcast for this coming Sat is anywhere near correct, it will be hard to find temps much below 30F anywhere. Also, much of the North East could be knee deep in slush this weekend, as it will be raining on top of all that snow the mid-atlantic states just got. New England will be having a wintery mix of rain and ice. Could be a real mess :-(Of course, we won't know for sure until we wake up that morning, hi.

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
http://www.qsl.net/kd1jv/

Date: Tue, 18 Feb 2003 12:39:41 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,
        Low Power Group <qrp-l@LeHigh.EDU>
Subject: [146340] Fox - Winter Fox Hunt Teams Results.
Message-ID: <Pine.LNX.4.33.0302181231450.17173-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hunt # 29 - K3ESE -

Burbank Wrecking Crew - 98	Cheeseheads - 111
Michael - K6MMC	Jerry - N9AW *
Todd - AG0T *	Jim - WA9TZE * Clean
Don - KC2CK	Lon - W9XU * Sweep
Woody - WD9F *	Rick - NK9G *
Trev - KG6CYN *	Glenn - WE9K *

NE-TX Tornados - 136	p-Shooters - 59
Chuck - W5USJ *	Chuck - K7QO
Bill - K5JHP * Clean	Gary - NQ7T
Don - K5DW * Sweep	Jim - KC1FB
Doc - W5TB *	Wayne - W5KDJ
George - W5YR *	Tony - KB9YIG *

Raiders of the Lost RF - 106

Dan - VE6EX *
Earl - VA6RF *
Fred - VE3FAL
Robert - VE6JAZ
Bruce - VE5RC *

Swamp Rats - 128

Larry - N2WW *
ET - N1FN * Clean
Paul - K4FB * Sweep
Doc - K0EVZ *
Tom - N1TP *

K1 K9s - 86

Lloyd - K3ESE *
John - NA8M *
Ralph - KD1R
Joe - W2RBA
Alan - N3BJ

Cajun Thunder - 107

Wayne - K5EOA *
Jim - N5IB * Clean
Vern - AA5O * Sweep
Wayne - N5YFC *
Tom - AC5JH *

Great Lakers - 60

Mark - K2QO
Tom - KV2X *
Al - K2ZN
Bill - K2TER
Jeff - VA3JFF

Underdogs - 121

Dan - N4ROA *
Dave - W0CH * Clean
Ron - KI0II * Sweep
Randy - K7TQ *
Art - KB7WW *

Aluminum Kings - 106

Bob - N4BP
Jim - N0UR *
Al - K0FRP *
Pat - K0PC *
Todd - N9NE *

Dust Devils - 97

George - KR5C *
Martin - N6LIF
Eric - NM5M
Dale - K5SR *
Lew - N5ZE *

Loco-motives - 57

Frank - K2PQ
Jack - K5FSE *
Jason - N8XE
Mike - VA6MJT
Wayne - K9DI

..please send any changes and/or corrections directly to me...thank you...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -

"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Tue, 18 Feb 2003 11:35:40 -0800
From: "N4LGH" <n4lgh@waveguide.us>
To: "QRP-L" <qrp-l@lehigh.edu>, <kf4yyd@adelphia.net>
Subject: [146341] RE: Winding Toroid's
Message-ID: <GNEOLGDJDOPEALHJMKLCGEOADHAA.n4lgh@waveguide.us>
MIME-Version: 1.0
Content-Type: text/plain;
	charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

There would be a 'polarity' problem in a transformer, and a very poor Q and DCR in a series wound tapped inductor.

If the windings are functioning as a transformer, then, yes, you would end up 'massively attenuating' the signal. More accurately, there would be very poor coupling, if any at all.

Aren't Toroids cool?? Grin
Tracy N4LGH

-----Original Message-----
From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of Tom
Sent: Monday, February 17, 2003 8:58 AM
To: Low Power Amateur Radio Discussion
Subject: Winding Toroid's

Hello,
	Does anyone know what the outcome would be if when winding a coil not all
the turns were wound in the same direction? For example, the coil is to have a total of 27 turns with two taps. To wind the coil you have 3 pieces of wire and end up with 11 turns, 5 turns, 11 turns. If any of these windings were not wound in the same direction what would happen? Would you end up massively attenuating the signal??

Thanks,
Tom kf4yyd

Snowed in, Fredericksburg VA

Date: Tue, 18 Feb 2003 14:20:54 -0500
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [146342] Re: FYBO temp. multipliers... is that all?
Message-ID: <5.1.1.6.1.20030218141844.00a77050@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 11:59 AM 2/18/2003 -0500, you wrote:
>Yeah, I think anyone who manages to make a single CW contact in sub-zero
>temps should get bonus points ;-)
>
>However, if the latest forcast for this coming Sat is anywhere near
>correct, it will be hard to find temps much below 30F anywhere.

Steve,

You could always drive up into Canada. If I'm doing the math right, 30F =
-1.1C. You can get your "below zero" bonus that way. (Grin)

Dave

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Tue, 18 Feb 2003 15:05:11 -0500
From: "Tom" <kf4yyd@adelphia.net>
To: <n4lgh@waveguide.us>, "QRP-L" <qrp-l@lehigh.edu>
Subject: [146343] RE: Winding Toroid's Thanks
Message-ID: <EIEBLEILGEEGMLHGHOAGEEHKCDAA.kf4yyd@adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

All,

Thanks for the information. I was afraid that was going to be the answer. It looks like I made a giant attenuator instead of what I was trying to build. And yes Ingo, in reality it is my dreaded ZM-2, I was just hoping that by not naming it I wouldn't get so annoyed when I found out that I still haven't fixed it. For the 2.25 watts I'm inputting all I am getting is about a nano watt out, though I have to admit I'm still not sure how I could of reversed some of the windings. As for toroid's being cool all I have to say is that this particular one isn't. While I am nowhere near what I would call a guy who has wound a million coils, I have wound several and this is the first time I seemed to have screwed it up. Maybe it's because this one is so dang big that my fat little fingers can't handle the fact that I can actually hold the thing with room to spare..

Thanks,
Tom, tearing it apart one more time, kf4yyd
Fredericksburg, VA
> -----Original Message-----
> From: N4LGH [mailto:n4lgh@waveguide.us]
> Sent: Tuesday, February 18, 2003 2:36 PM
> To: QRP-L; kf4yyd@adelphia.net
> Subject: RE: Winding Toroid's
>
>
> There would be a 'polarity' problem in a transformer, and a very
> poor Q and
> DCR in a series wound tapped inductor.
>
> If the windings are functioning as a transformer, then, yes, you would end
> up 'massively attenuating' the signal. More accurately, there
> would be very
> poor coupling, if any at all.
>
> Aren't Toroids cool?? Grin
> Tracy N4LGH
>

Date: Tue, 18 Feb 2003 12:31:47 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: "George, W5YR" <w5yr@att.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [146344] Re: Koch method Trainer
Message-ID: <Pine.LNX.4.44.0302181211050.2536-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

One advantage to service training is they MUST learn. I think it depends on the people taking the training too. The 40 hour sounds about right to me to 5 wpm with average students. I try to get the students to home study and at least learn every character before we get together for an intense 12 hours.

My attitude is always "you can do it!". But not everyone does. The code is much harder to teach than the elements 2,3 and 4. We have a class running that all passed the Tech and General 2 and 3 with good grades. I'm not sure we will have that in the code test. For instance one student is a Medical Doctor, a Cardiologist and he operates all week, and comes home real tired. I am not sure he has time to study at home.

On Tue, 18 Feb 2003, George, W5YR wrote:

> Karl, back in 1951-52 I taught Air Force Cadets and Student Officers aural
> and visual code to 5 wpm. Guess they all had rocks in their heads because
> they thought it was simple enough that they completed the 40-hour course in
> an average of 20 hours and I got one class qualified in 11 hours.
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> "In the 57th year and it just keeps getting better!"
>
>
> ----- Original Message -----
> From: "Karl F. Larsen" <k5di@zianet.com>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Sent: Tuesday, February 18, 2003 7:03 AM
> Subject: Re: Koch method Trainer

>
>
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> > Hi Ray, I will get the QSL Card on it's way today. The huge single
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> > > Good luck with the class.
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> > > Ray, G4FON
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> > > ----- Original Message -----
> > > From: "Karl F. Larsen" <k5di@zianet.com>
> > > To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> > > Sent: Monday, February 17, 2003 1:33 PM
> > > Subject: Koch method Trainer
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> > >
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> > > > --
> > > >
> > > >   - Karl Larsen k5di Las Cruces,NM Az ScQRPions -
> > > >
> > > >
> > >
> > >
> >
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> >
> >   - Karl Larsen k5di Las Cruces,NM Az ScQRPions -
> >
>
>

--

               - Karl Larsen k5di Las Cruces,NM Az ScQRPions -

---

Date: Tue, 18 Feb 2003 12:35:27 -0700
From: "Bob Hightower" <nk7m@extremezone.com>
To: <kd3em@velocity.net>
Cc: <qrp-l@lehigh.edu>
Subject: [146345] RE: FYBO temp. multipliers... is that all?
Message-ID: <000701c2d784$e488ca20$544998d0@Bobs>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="US-ASCII"
Content-Transfer-Encoding: quoted-printable

Not a dumb question at all. When you send in your log and summary sheet,
record the actual temps for each contact, and on the summary sheet use
the lowest one recorded for the multiplier.

Bob NK7M

-----Original Message-----
From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf
Of David Gilson
Sent: Tuesday, February 18, 2003 3:05 AM
To: Low Power Amateur Radio Discussion
Subject: Re: FYBO temp. multipliers... is that all?

Question!,

I was wondering how the log would be sent if at the start of the contest the temp is let say 40F and during or by the end the temp is down to 30F. Would you send in two logs one at one temp and the other at the other temp?. Sorry for the dumb question but this will be my first time trying this so please bear with me.

Thank You
72 de Dave KD3EM

----- Original Message -----
From: "Bob Hightower" <nk7m@extremezone.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, February 17, 2003 4:55 PM
Subject: RE: FYBO temp. multipliers... is that all?

> Good points, Seab. We really don't want anyone sitting out in near=20
> zero weather just to try to win a contest. If you are in the 6x mult=20
> range, it won't take much time to rack up a good score.
>
> Bob
>
> -----Original Message-----
> From: sslyon [mailto:sslyon@megalink.net]
> Sent: Monday, February 17, 2003 9:09 AM
> To: nk7m@extremezone.com; Low Power Amateur Radio Discussion
> Subject: FYBO temp. multipliers... is that all?
>
>
> Hmmmmm... seems like we might consider extending the low range for=20
> temp. mults. As 'solder-melter' mentioned earlier, the HIGH for days=20
> has been in single digits around here and lows around -30F... and=20
> wind!
>
> I will reinforce stated precautions to folks who are not highly=20
> experienced in dealing with cold weather, especially if in remote=20
> areas: Being outside for hours sitting motionless at the controls is=20
> VASTLY DIFFERENT from being outside and moving around. Once you get=20
> cold it is very difficult to warm yourself up unless you have plenty=20
> of energy reserve and are equipped with battery or chemical heating=20
> packs. (even with appropriate clothing) Exercise every 20 - 30min. and

> pack candy.
>
> Seabury & Sharon Lyon
> 99 Sparrowhawk Mtn Rd

> Bethel ME, 04217 U.S.A.
> 207-836-2576
>
>
>

Date: Tue, 18 Feb 2003 12:37:20 -0700 (MST)
From: "Mike" <kw1nd.web@homeinternet.net>
To: <qrp-l@Lehigh.EDU>
Subject: [146346] Embedded Research still around?
Message-ID: <43411.156.153.254.10.1045597040.squirrel@webmail.velocitus.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

Does anyone know if Embedded Research is still "alive"? I emailed them a
week ago but haven't had a response, and their web page hasn't been
updated (from what I can tell) in about 1-1/2 years.

I want an EPS-1 DC-DC converter. Does anyone know of a comparable unit
from anyone else, in size, specs & price?

73

Mike, KW1ND

Date: Tue, 18 Feb 2003 13:54:02 -0800
From: "Chuck Adams, K7QO" <k7qo@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [146347] Radio Shack 46-Range Digital Multimeter Protocol?
Message-ID: <5.1.1.6.0.20030218135049.00b34380@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang,

I bought one of the above yesterday. It is a digitial multimeter with an
RS-232 interface and software that runs under Win-XX.

I was curious if anyone has reverse engineered the protocol before I

go off and spend some time figuring out how to access the data
using LINUX software written from scratch.

Thanks in advance. This is for some related experiments related to
topics for this group.

dit dit

Chuck Adams, K7QO
http://www.qsl.net/k7qo   and   http://www.earthlink.net/~k7qo

Moving to Arizona? ----   Please bring your own water.
Also please shield outside lights so I can still see the stars.

Date: Tue, 18 Feb 2003 15:58:08 -0600
From: Bob Liesenfeld <wb0poq@visi.com>
To: "glowbugs@piobaire.mines.uidaho.edu"
        <glowbugs@piobaire.mines.uidaho.edu>, qrp-l@Lehigh.EDU,
Subject: [146348] Good...no..GREAT guy(s) alert
Message-ID: <3E52AC6E.EBE1E9F4@visi.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,
   A while back I posted a request for some information on the coils for
an Eico GDO I picked up minus the coils.
   Many people responded with very helpful information. I think I have
gotten back to each of you to say thanks, but if I missed someone, here
is a "Thank you!"
   I also received a post from Dave Hinerman, WD8CIV who said he had a
dead Eico GDO and that he would be happy to send the coils to me. No
charge. Not even for shipping.
  I got them today. They are in beautiful shape and work great! Thanks
"Great Guy" Dave!

72 to all

Bob   WB0POQ

Date: Tue, 18 Feb 2003 17:01:56 -0500 (Eastern Standard Time)
From: W2AGN <w2agn@w2agn.net>
To: qrp-l@Lehigh.EDU
Subject: [146349] QRP SSB
Message-ID: <3E52AD54.000005.70923@w2agn>
MIME-version: 1.0
Content-type: Text/Plain
Content-transfer-encoding: 7BIT

As a confirmed CW operator, I rarely mess around on SSB. If there is a country I need that is only on SSB, I'll give it a try. I remember a while ago I had to go to 100W to work 7X4AN, Mohamed.

Today I was messing around with an old SB104 my Dad built a long time ago. Got the receiver working, and was fiddling with the drive. I didn't even have the jumper in back for the "High Power." I was on 10M SSB, and kept hearing 7X4AN calling CQ. He worked a few, but no pile up. As I was just messing around, I gave him a call, just using the driver, about 1 watt...and he answered and gave me a 53 report! Amazing! Something to do while snowed in.

+-++-++-++-++-+ John L. Sielke
 |W||2||A||G||N| http://www.w2agn.net [UPDATED]
 +-++-++-++-++-+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

Date: Tue, 18 Feb 2003 17:14:25 -0500
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [146350] RE: QRP SET
Message-ID: <721D3436A7C2B344A301FD4A413C71A9BFC4E8@kosh.ARRLHQ.ORG>
Content-Class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Don't discount the value of QRP to emergency communications. A QRP =
backpacker can get into areas quickly and set up communications in a few =
minutes. That would be hard to do at the 100-watt level with a generator =
or a big-size battery. The QRPer can operate off solar power or can at =
least squeeze tens of hours of operating time from that small battery =
-- there is value in being able to stay on the air for the duration of =
the emergency. =20

73,=20
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: http://www.arrl.org/tis

> -----Original Message-----
> From: Kenneth Hoglund [mailto:hoglund@wfu.edu]
> Sent: Monday, February 17, 2003 11:11 PM
> To: Low Power Amateur Radio Discussion
> Subject: QRP SET
>=20
>=20
> I concurr completely with KO4WX Mike's assessment that one should not
> risk life and limb on marginal emergency communications just=20
> to maintain
> a qrp designation. Nor would I think that a QRP SET would have be
> suggesting that emergency communications are best maintained at qrp
> levels.
>=20
> Let's drop back for a moment: what are we best at in terms of qrp
> operations? Efficiency, simplicity, and portability. The=20
> efficiency part
> could have dramatic implications in a context when the power=20
> grid is no
> longer operational. Simplicity means we can set up an=20
> effective station
> virtually anywhere; portability-- that we can race out to any trouble
> spot with fairly sophisticated gear. If need be, I can carry all the
> operational elements of a 20m station in a fanny pack and bike to a
> place that needs to get word out to a larger world.
>=20
> The purpose of a Simulated Emergency Test is to give any participating
> op a chance to see what they can, and cannot, do in terms of
> establishing reliable communications. Rather than field day, or even
> QRPTTF, a SET tries to maintain regular communications within=20
> a network.
>=20
> So why a QRP SET? What if the whole power grid did go down and we all
> needed to work from alternative resources? What if disease=20
> laid low any
> places with a cluster of population, leaving only areas with widely
> scattered populations able to render assistance? What if a protracted

> emergency of some sort led to severe shortages in gas supplies, and we
> had to hike or bike to trouble spots? QRP may not be optimum in these
> conditions, but it may be the only option available.
>=20
> Is any of this likely? Probably not. But wouldn't it be worthwhile to
> see what we 'flea-powered' folks might be able to do with a=20
> quick test?
> All it would take is some organization, a few hours on a weekend, and
> the imagination to envision where we might best fit in a complex
> response to an emergency situation.
>=20
> Several folks have sent some pretty tough critiques my way since the
> first suggestion. Wait for your March QST and read Rich's column, then
> see if you don't think there might be some value in testing where any
> one of us might fit in as qrp'rs in a larger response to a real
> emergency.
>=20
> 73
> Ken KG4FGC
>=20
>=20

Date: Tue, 18 Feb 2003 16:54:36 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Todd Fonstad <tfonstad@vbe.com>
Cc: Low Power Group <qrp-l@LeHigh.EDU>
Subject: [146351] Re: C6AKQ=N4BP -
Message-ID: <Pine.LNX.4.33.0302181653240.30963-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

thank you vy much Todd...I'll correct my master logs...appreciate it...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
            A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
            - VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
          "QRP! How sweet it is!"   "I am da man wit "DAH" paddle!"

On Tue, 18 Feb 2003, Todd Fonstad wrote:

> Bruce:
>
> The other members of the Aluminum Kings will probably write you this same
> note.
> Bob, N4BP, was in Bermuda getting set for the ARRL DX contest. His

> Bermudan-issued call was C6AKQ. Thus, the following entry in K3ESE's log is
> N4BP, giving us a clean sweep:
>
> 0208   C6AKQ   559   C6   Bob   5W
>
>
> Best,
> Todd
> N9NE
>
>

End of QRP-L Digest 2835
****